

IN THE TITLE:

Please replace the Title of the Invention with the following new Title:

-- APPARATUS AND METHOD TO IMPROVE QUALITY OF MOVING
IMAGE DISPLAYED ON LIQUID CRYSTAL DISPLAY DEVICE--

IN THE CLAIMS:

Please cancel claim 59 without prejudice, and amend claims 50-51, 58, and
60 as follows:

1-49 (Withdrawn)

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1 50. (Currently Amended) A liquid crystal display device comprising:
2 a liquid crystal panel in which a plurality of signal lines for transmitting
3 display pixel data and a plurality of scanning lines for transmitting control signals are laid
4 out vertically and horizontally, and pixel electrodes are arranged at intersections of the signal
5 lines and the scanning lines via switching elements,
6 the device having a hold control function in which an image to be displayed
7 is output in one entire frame period and an impulse control function in which an image to
8 be displayed is output in a predetermined period within one frame period, wherein:
9 said hold control is carried out when said display image is a still image; and
10 said impulse control is carried out when said display image is a moving image.

1 51. (Currently Amended) A liquid crystal display device according to
2 Claim 50, wherein said hold control is switched to said impulse control in the case where a
3 ratio of said moving image to all of said display pixel data exceeds a predetermined value.

1 52. (Original) A liquid crystal display device according to Claim 50,
2 wherein said displayed data are judged to be of said moving image and said hold control is
3 switched to said impulse control, when said displayed data makes changes for over a period
4 of two or more frames.

1 53. (Original) A liquid crystal display device according to Claim 50, further
2 comprising a shutter facing said liquid crystal panel, wherein said impulse control is carried
3 out by opening and closing the shutter.

54. (Withdrawn)

1 55. (Original) A liquid crystal display device according to Claim 50 further
2 comprising a backlight facing said liquid crystal panel, wherein brightness of said backlight
3 is increased in said impulse control than in said hold control.

1 ⁵⁶~~55~~. (Original) A liquid crystal display device according to Claim 55,
2 wherein brightness of said display image output is made to be the same between said impulse
3 control and said hold control.

1 57. (Original) A liquid crystal display device according to Claim 50,
2 wherein said switching elements are polysilicon TFTs (Thin Film Transistors).

1 58. (Currently Amended) A liquid crystal display device according to
2 Claim 50, wherein said display image is judged to be said moving image when a ratio of
3 pixels of said display image in one frame which changed in comparison to pixels in an
4 immediately preceding frame exceeds a predetermined value or more.

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wond.
59. (Cancelled)

1 60. (Currently Amended) A liquid crystal display device according to
2 Claim 50, wherein:
3 motion compensation is carried out by using DCT (Discrete Cosine
4 Transform); and
5 said display image is judged to be said moving image when compressed image
6 information includes vector information indicating image motion.

61-113. (Withdrawn)